

WHAT IS CLAIMED IS:

1. A calibration rig comprising:

- a source (1) of pure sterilized water or a source (40) of a sterile conductive solution,
- a piping manifold (3) connected to the source (1),
- at least one flow meter (5) connected to the source (1) via the piping manifold (3) and/or
- at least one flow meter calibration cart (7) connected to the source (1) via the piping manifold (3) and
- a drain pipe (23) connected to each flow meter (5) and to each flow meter calibration cart (7) to guide liquids from the flow meter (5) and/or the flow meter calibration cart (7) to a drain (23).

2. Calibration rig according to claim 1, wherein a calibrated reference flow meter (21) is installed in parallel to a flow meter (5) or a flow meter calibration cart (7) to be calibrated or re-calibrated.

3. Calibration rig according to claim 1, wherein a calibrated reference flow meter (21) is installed in series to a flow meter (5) or a flow meter calibration cart (7) to be calibrated or re-calibrated.

4. Calibration rig according to claim 1, wherein a device (29) for measuring a quantity of liquid received from a flow meter (5) or a flow meter calibration cart (7) is installed between the flow meter (5) or the flow meter calibration cart (7) and the drain pipe (23).

5. Calibration rig according to claim 4,
wherein the device (29) for measuring a quantity of
liquid is a weigh tank.

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6. Calibration rig according to claim 1,
wherein a device (33) for supplying a predetermined
quantity of water is installed between the source (1)
and the flow meter (5) or the flow meter calibration
cart (7).

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7. Method of calibration or re-calibration of a flow
meter (5) or a flow meter calibration cart (7),
comprising the steps of

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- mounting the flow meter (5) or the flow meter
calibration cart (7) on a flow meter calibration rig
according to one of the previous claims,
- sending pure sterilized water through the flow meter
(5) or the flow meter calibration cart (7), and
- directing the water from the flow meter (5) or the
flow meter calibration cart (7) to a drain (23).

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8. Method of calibration or re-calibration of a
flow meter (5), comprising the steps of

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- mounting the flow meter (5) on a flow meter
calibration rig according to one of the previous
claims comprising a source (1) of pure sterilized
water,
- adding a quantity of a sterile conductive solution
to the pure sterilized water, thus obtaining a
sterile conductive liquid,
- sending this sterile conductive liquid through the
flow meter (5), and

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- directing the sterile conductive liquid from the flow meter (5) to a drain (23).